

*updated*

## Freeform Search

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<b>Database:</b>	<input type="checkbox"/> US Pre-Grant Publication Full-Text Database <input type="checkbox"/> US Patents Full-Text Database <input type="checkbox"/> US OCR Full-Text Database <input checked="" type="checkbox"/> EPO Abstracts Database <input type="checkbox"/> JPO Abstracts Database <input type="checkbox"/> Derwent World Patents Index <input type="checkbox"/> IBM Technical Disclosure Bulletins
<b>Term:</b>	L12 and (protective shield or protective sheath or protective casing or protective housing or protective jacket or protective sleeve or <div style="float: right; margin-top: -20px;"> <input type="button" value="▲"/>  <input type="button" value="▼"/> </div>
<b>Display:</b>	10 Documents in <u>Display Format:</u> [-] Starting with Number [1]
<b>Generate:</b> <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

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### Search History

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**DATE:** Friday, June 17, 2005 [Printable Copy](#) [Create Case](#)

SetName Query

side by

side

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

L14 L12 and (protective shield or protective sheath or protective casing or protective housing or protective jacket or protective sleeve or protective cover\$3 or protective insulation\$3)

L13 inside pipe scrub\$4 or interior pipe scrub\$4 or internal pipe scrub\$4

L12 L11 and (scrap\$3 or scrub\$4 or clean\$3)

L11 (inside pipe or interior pipe or internal pipe) same (sensor or detector or probe or transducer or meter)

L10 inside pipe scrub\$3 or interior pipe scrub\$3 or internal pipe scrub\$3

L9 inside pipe scrub\$3 or interior pipe scrub\$3 or internal pipe scrub\$3

L8 inside pipe scrap\$3 or interior pipe scrap\$3 or internal pipe scrap\$3

L7 inside pipe cleaning or interior pipe cleaning or internal pipe cleaning

*DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ*

L6 L5 and (shield or sheath or cas\$3 or hous\$3 or jacket or sleeve)

L5 L4 and (sensor or detector or probe or transducer)

L4 L3 and (pipe or tub\$4 or conduit)

L3 L2 and (scrap\$4 or pig or scrub\$4 or clean\$3)

(374/141,147,148,208;134/6,8,1,166,167;15/246,249.2,256.5,104.3,104.05,93.1,97.1,104.063,105

L2 [CCLS]

*DB=USPT; PLUR=YES; OP=ADJ*

L1 6789938.pn.

END OF SEARCH HISTORY